

<b>Title</b>	<b>Demonstrate knowledge of the safe operation of a light utility vehicle (LUV)</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>3</b>

<b>Purpose</b>	<p>This unit standard is for people working, or intending to work, in the primary sector.</p> <p>People credited with this unit standard are able to demonstrate knowledge of the safe operation of a LUV; LUV driving contingency procedures; and the safe operation of a LUV with trailed equipment and mounted load.</p>
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<b>Classification</b>	Agriculture > Agricultural Vehicles and Machinery
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<b>Available grade</b>	Achieved
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## Guidance Information

- 1 Legislation and regulations relevant to this unit standard includes but is not limited to:
  - Health and Safety at Work Act 2015;
  - Land Transport (Driver Licensing) Rule 1999;
  - Land Transport (Road User) Rule 2004.
- 2 Definition
 

*A light utility vehicle (LUV)* (previously known as an ATVU or SPV) is a lightweight vehicle (less than 1000kg), principally designed for off road use, with a steering wheel and side by side seating for at least one passenger. A LUV has some or all of the following features:

  - a carry tray;
  - rollover protection bars;
  - a minimum of four wheels;
  - low pressure tyres;
  - automatic transmission, differential.
- 3 For the purposes of this unit standard, *flat terrain* is defined as class A and B land under the Land Use Capability Classification, which comprises slopes between 0° to 7° (Flat to gently undulating to undulating terrain). For the purposes of this unit standard, *rolling terrain* is defined as class D land under the Land Use Capability Classification, which comprises slopes between 16° and 20° (Rolling to strongly rolling). More detail is available from <https://www.landcareresearch.co.nz/publications/books/luc>.
- 4 Reference
 

WorkSafe NZ, *Using your side by side safely: The right way every time*, (2019). Available from the WorkSafe NZ website [www.worksafe.govt.nz](http://www.worksafe.govt.nz).

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## Outcomes and performance criteria

### Outcome 1

Demonstrate knowledge of the safe operation of a LUV.

#### Performance criteria

- 1.1 Identify the legal requirements for a LUV, and the legal obligations of the driver in relation to the Land Transport (Road User) Rule 2004.
- Range registration, warrant of fitness, driver's licence, seatbelts, passenger.
- 1.2 Identify hazards in operating a LUV and describe the potential risks of harm to people.
- Range evidence is required for at least five hazards.
- 1.3 Describe control measures to eliminate or minimise health and safety risks.
- 1.4 Describe reporting requirements for accidents or near misses.
- 1.5 Explain the safety requirements for a LUV, its driver, and passengers in terms of their impact on driver and passenger safety.
- Range includes but is not limited to – personal protective equipment; operational safety (driver ability, driver's physical and mental state, environmental features and conditions, on farm fences and structures, intended use); vehicle safety (tyres, brakes, maintenance).
- 1.6 Identify the function and operation of a LUV's controls and displays.
- 1.7 Explain the impact of a LUV's dynamics on its safe operation.
- Range stability, steering, manoeuvrability, braking and control.

### Outcome 2

Identify LUV driving contingency procedures.

#### Performance criteria

- 2.1 Identify safety procedures in an emergency loss of control situation or rollover.
- 2.2 Identify methods for avoiding and correcting traction loss.

**Outcome 3**

Explain the safe operation of a LUV with trailed equipment, and a mounted load.

Range flat terrain, rolling terrain;  
static loads, moveable loads.

**Performance criteria**

3.1 Explain the impact of trailed equipment and mounted loads on the dynamics of a LUV.

Range dynamics include – steering, manoeuvrability, stability, braking, control, gear selection, traction.

3.2 Explain techniques for safely loading a trailer in terms of laden trailer weight, drawbar weight, securing of load, and manufacturer's recommendations.

3.3 Explain techniques for safely attaching a mounted load on a LUV in terms of weight of load, load security, and manufacturer's specifications.

<b>Replacement information</b>	This unit standard, unit standard 24555 and unit standard 24557 replaced unit standard 19057.
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<b>Planned review date</b>	31 December 2024
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	20 May 2008	31 December 2013
Review	2	21 June 2012	31 December 2021
Review	3	24 October 2019	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0052
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

Please contact the Primary Industry Training Organisation [standards@primaryito.ac.nz](mailto:standards@primaryito.ac.nz) if you wish to suggest changes to the content of this unit standard.